

# Table of Contents: Volume 13 (1993)

## Number 1

Cost-Sensitive Learning of Classification Knowledge and Its Applications in Robotics .....	Ming Tan	7
Explanation-Based Learning for Diagnosis .....	Yousri El Fattah and Paul O'Rorke	35
Extracting Refined Rules from Knowledge-Based Neural Networks .....	Geoffrey G. Towell and Jude W. Shavlik	71
Prioritized Sweeping: Reinforcement Learning with Less Data and Less Time .....	Andrew W. Moore and Christopher G. Atkeson	103
Research Note on Decision Lists .....	Ron Kohavi and Scott Benson	131
Technical Note: Selecting a Classification Method by Cross-Validation .....	Cullen Schaffer	135
Book Review: <i>Machine Learning: A Theoretical Approach</i> .....	Lisa Hellerstein	145
A Reply to Hellerstein's Book Review of <i>Machine Learning: A Theoretical Approach</i> .....	B.K. Natarajan	151

## Numbers 2/3 (Special Issue on Genetic Algorithms)

Introduction .....	John J. Grefenstette	157
Using Genetic Algorithms for Concept Learning .....	Kenneth A. De Jong, William M. Spears, and Diana F. Gordon	161
A Knowledge-Intensive Genetic Algorithm for Supervised Learning .....	Cezary Z. Janikow	189
Competition-Based Induction of Decision Models from Examples .....	David Perry Greene and Stephen F. Smith	229
Genetic Reinforcement Learning for Neurocontrol Problems .....	Darrell Whitley, Stephen Dominic, Rajarshi Das, and Charles W. Anderson	259
What Makes a Problem Hard for a Genetic Algorithm? Some Anomalous Results and Their Explanation .....	Stephanie Forrest and Melanie Mitchell	285

# Table of Contents: Volume 13 (1993)

## Number 1

Cost-Sensitive Learning of Classification Knowledge and Its Applications in Robotics .....	Ming Tan	7
Explanation-Based Learning for Diagnosis .....	Yousri El Fattah and Paul O'Rorke	35
Extracting Refined Rules from Knowledge-Based Neural Networks .....	Geoffrey G. Towell and Jude W. Shavlik	71
Prioritized Sweeping: Reinforcement Learning with Less Data and Less Time .....	Andrew W. Moore and Christopher G. Atkeson	103
Research Note on Decision Lists .....	Ron Kohavi and Scott Benson	131
Technical Note: Selecting a Classification Method by Cross-Validation .....	Cullen Schaffer	135
Book Review: <i>Machine Learning: A Theoretical Approach</i> .....	Lisa Hellerstein	145
A Reply to Hellerstein's Book Review of <i>Machine Learning: A Theoretical Approach</i> .....	B.K. Natarajan	151

## Numbers 2/3 (Special Issue on Genetic Algorithms)

Introduction .....	John J. Grefenstette	157
Using Genetic Algorithms for Concept Learning .....	Kenneth A. De Jong, William M. Spears, and Diana F. Gordon	161
A Knowledge-Intensive Genetic Algorithm for Supervised Learning .....	Cezary Z. Janikow	189
Competition-Based Induction of Decision Models from Examples .....	David Perry Greene and Stephen F. Smith	229
Genetic Reinforcement Learning for Neurocontrol Problems .....	Darrell Whitley, Stephen Dominic, Rajarshi Das, and Charles W. Anderson	259
What Makes a Problem Hard for a Genetic Algorithm? Some Anomalous Results and Their Explanation .....	Stephanie Forrest and Melanie Mitchell	285

